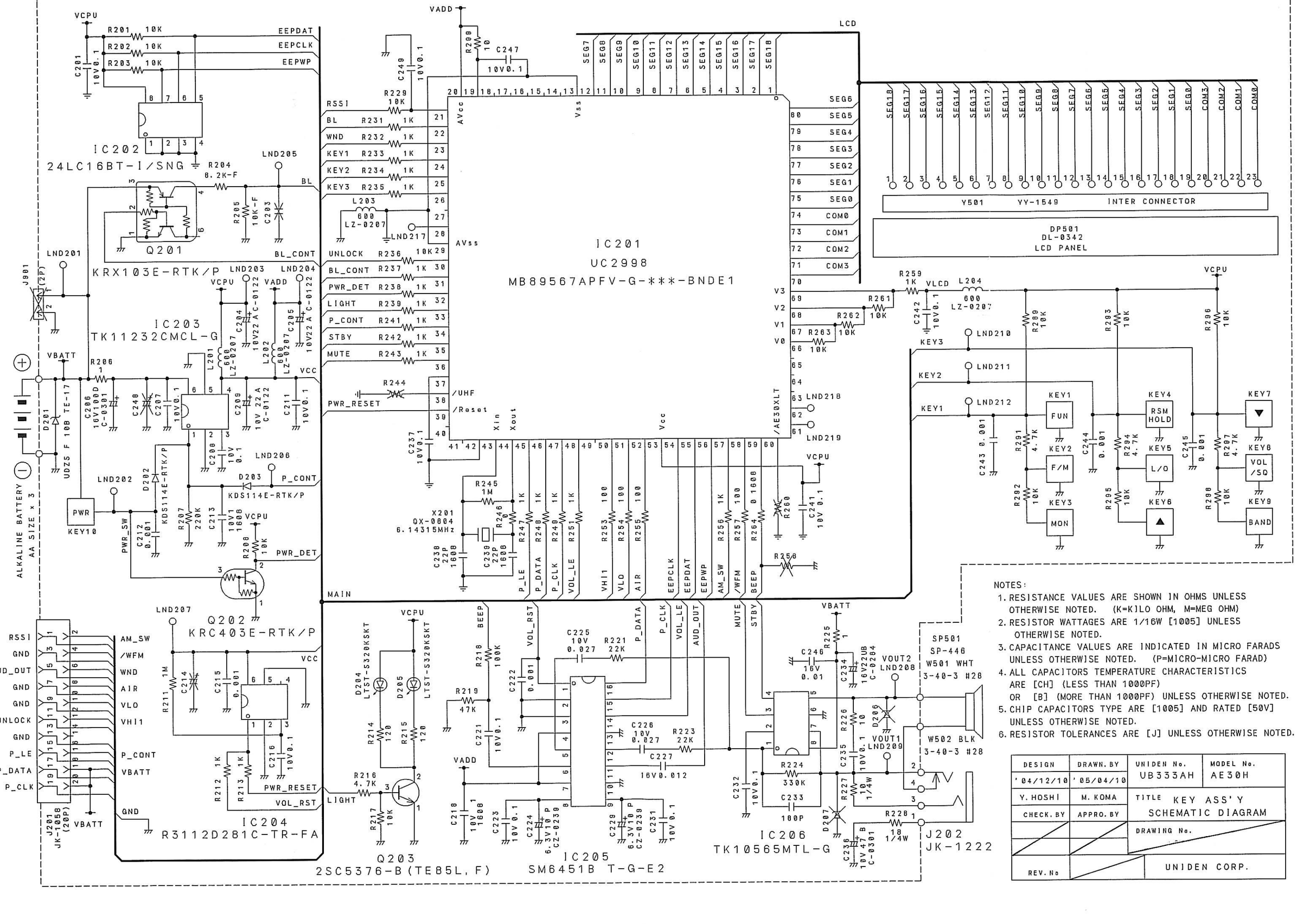
B201 PH-0312 2/2



NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
2. RESISTOR WATTAGES ARE 1/16W [1005] UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
4. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE [CH] (LESS THAN 1000PF) OR [B] (MORE THAN 1000PF) UNLESS OTHERWISE NOTED.
5. CHIP CAPACITORS TYPE ARE [1005] AND RATED [50V] UNLESS OTHERWISE NOTED.
6. RESISTOR TOLERANCES ARE [J] UNLESS OTHERWISE NOTED.

DESIGN	DRAWN. BY	UNIDEN No.	MODEL No.
'04/12/10	'05/04/10	UB333AH	AE30H
Y. HOSHI	M. KOMA	TITLE KEY ASS'Y SCHEMATIC DIAGRAM	
CHECK. BY	APPRO. BY		
		DRAWING No.	
REV. No		UNIDEN CORP.	

B1 PH-0312 1/2

ANT JACK J501 JK-1148

TP1 TP-0137

Q1 2SC5376-B(TE85L,F)

Q2 2SC5010

Q3 2SC5010

IC1 UPC2757TB

IC2 NJU7018R-TE1-#ZZZB

IC3 NJM2551V-TE1-#ZZZB

IC4 MB15E03SLPFV1-G-ER-6E1

IC5 TC7WB66FK(TE85L,F)

IC6 TC7WB66FK(TE85L,F)

IC7 TK11232CMCL-G

Q4 KRC403E-RTK/P

Q5 2SC5006-FB-T1

Q6 2SC5006-FB-T1

Q7 2SC5006-FB-T1

Q8 MT6C04AE(TE85L,F)

Q9 2SA1989-T111-1Q

Q11 KRC403E-RTK/P

FT1 FL-1054 51.75MHz

FT2 FL-1039 450KHz

X1 QX-0826 17.10MHz

D1 D2 D3 D4 D5 D6 D7 D8 KDS114E-RTK/P

D9 1SV323(TPH3,F)

[137-174] [108-137] [88-108] [VCO:139.75-225.75]

LND1 LND2 LND3 LND4 LND5 LND6 LND7 LND8

RSSI AUD_OUT AM_SW WND /WFM

VCC P_CONT P_DATA P_CLK P_LE UNLOCK VBATT VHI1 AIR VLO

J1 JK-1057 (20P)

RSSI AM_SW GND /WFM AUD_OUT WND GND AIR GND VLO UNLOCK VHI1 GND P_LE P_CONT P_DATA VBATT P_CLK VBATT

MAIN_BUS

NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
2. RESISTOR WATTAGES ARE 1/16W [1005] UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
4. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE[CH] (LESS THAN 820PF) OR [B] (MORE THAN 1000PF) UNLESS OTHERWISE NOTED.
5. CHIP CAPACITORS TYPE ARE [1005] AND RATED [50V] UNLESS OTHERWISE NOTED.
6. RESISTOR TOLERANCE ARE [J] UNLESS OTHERWISE NOTED.

AT951
AT-483

DESIGN	DRAWN. BY	UNIDEN No.	MODEL No.
'04/12/10	'05/04/10	UB333AH	AE30H
Y. HOSHI	Y. HOSHI	TITLE MAIN ASS'Y SCHEMATIC DIAGRAM	
CHECK. BY	APPRO. BY		
		DRAWING No.	
REV. No		UNIDEN CORP.	